

# EUROPEAN PATENT OFFICE

## Patent Abstracts of Japan

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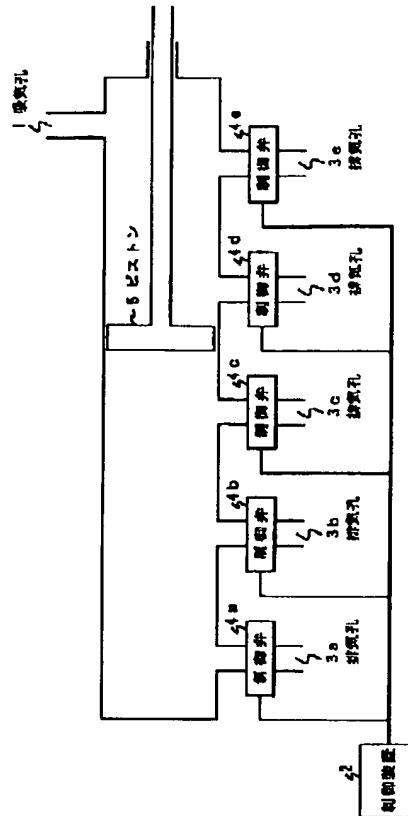
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APPLICANT : TOSHIBA COMPUT ENG CORP;

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TITLE : PNEUMATICALLY DRIVEN CYLINDER



ABSTRACT : PURPOSE: To provide a pneumatically driven cylinder in which a stopper, a break device and the like are unnecessary by having a plurality of stopping positions on the pneumatically driven cylinder device itself.

CONSTITUTION: A pneumatically driven cylinder is provided with a piston 5 which is slid in a cylinder by air pressure, an intake hole 1 which is provided on the circumferential wall of the cylinder and for supplying compressed air in the cylinder for sliding the piston 5, and exhaust holes 3a to 3e which are provided at prescribed intervals along axial direction on the circumferential wall of the cylinder. And also it is provided with control valves 4a to 4e which are provided on respective exhaust holes 3a to 3e and for opening and closing the exhaust holes 3a to 3e, and a control device 2 for opening/closing controlling respective control valves 4a to 4e. It is provided with stopping positions of the piston 5 in a plurality of places.

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